

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph that begins on page 7, line 8 of the specification with the following rewritten paragraph:

After step 2 whereby all of those individual measurement values have been identified which meet the specified criteria in relation to at least one reference value, in step S3 the control unit 26 establishes an average value from the individual measurement values identified in this way, for example an arithmetical average value. This average value establishes a derived [[an]] ambient temperature ~~measurement~~ value for the cabin zone in question.

Please replace the paragraph that begins on page 7, line 15 of the specification with the following rewritten paragraph:

The derived ambient temperature value established in step S3 is then compared in step S4 with an optimum value for the ambient temperature in the cabin zone in question stored in the control unit 26. The difference between the derived ambient temperature value ~~measured~~ and the ambient temperature optimum value is established. With reference to this difference, in a subsequent step S5, the control unit 26 determines an optimum value for the temperature of the feed air injected into the cabin zone in question. For this, the control unit 26 works as a regulator which establishes the difference between the derived ambient temperature value ~~measured~~ and the ambient temperature optimum value as a regulatory difference.